

## **REMARKS**

Claims 1, 20 and 26 have been amended. Claims 5 and 13 have been canceled. Therefore, Claims 1-4, 6-12 and 14-33 are pending in the application. Reconsideration is respectfully requested in light of the following remarks.

### **Objection to the Drawings:**

The Examiner objected to FIG. 1 for lacking a --Prior Art-- legend. The Examiner also objected to FIGs. 1-4 for being informally drawn by hand. Replacement sheets for FIGs. 1-4 are included herewith to overcome these objections.

### **Objections to the Specification:**

The Examiner objected to the Abstract of the Disclosure for exceeding 150 words. The Abstract to the Disclosure has been amended to not exceed 150 words.

The Examiner also objected to the Specification for the missing application no. in paragraph [0043]. Paragraph [0043] has been amended to supply the serial number for the referenced application.

### **Section 112, Second Paragraph, Rejection:**

The Examiner rejected claim 5 under 35 U.S.C. § 112, second paragraph, as indefinite. Claim 5 has been canceled, rendering this rejection moot.

### **Section 102(e) Rejection:**

The Examiner rejected claims 1-33 under 35 U.S.C. § 102(e) as being anticipated by Gwertzman et al. (U.S. Patent 6,189,000) (hereinafter “Gwertzman”). Applicant respectfully traverses this rejection in light of the following remarks.

**Gwertzman does not teach an identity index that comprises a virtual identity that in turn comprises a plurality of information object identifiers each corresponding to a respective information object, and for each information object, a resource name identifying a resource at which the respective information object is located, wherein the resource name is associated with the respective information object identifier; and wherein the identity index further comprises a resource definition corresponding to each respective named resource, wherein the resource definition further comprises connection information, as recited in claim 1.**

Applicant’s claimed invention pertains to a particular type of data structure, an identity index, for use in managing user information objects. One embodiment of an identity index is illustrated in Applicant’s FIG. 3. The identity index includes a virtual identity (e.g., 312) and resource definitions (e.g., 360, 362 and 364). The virtual identity includes a plurality of information object identifiers (e.g., 350) each corresponding to a respective information object (e.g., 342, 344 and 346). The virtual identity also includes, for each information object, a resource name (e.g., Reso01, Reso02 (353) and Reso03) identifying a resource (210, 212 and 214) at which the respective information object is located, wherein the resource name is associated with the respective information object identifier (e.g., JANE\_D, janed (352) or JaneD). Each resource definition includes connection information (e.g., 368).

Gwertzman does not teach a data structure for an identity index as recited in claim 1. In contrast, Gwertzman teaches “a storage-mechanism interface.” In Gwertzman, “instead of having to indicate a path to the storage mechanism and the actual name of the data structure, the application developer needs only to call the data structure a logical name (e.g., “foo”) and the storage-mechanism interface takes care of properly locating and identifying the storage mechanism and the data structure (i.e., providing the actual name of the data structure).” Gwertzman -- col. 6, lines 59-65. Gwertzman’s storage-

mechanism interface is a programmatic interface called by application developer code. Gwertzman does not teach the particular data structure of an identity index that comprises a virtual identity that in turn comprises a plurality of information object identifiers each corresponding to a respective information object, and for each information object, a resource name identifying a resource at which the respective information object is located, wherein the resource name is associated with the respective information object identifier; and wherein the identity index further comprises a resource definition corresponding to each respective named resource, wherein the resource definition further comprises connection information, as recited in claim 1. Therefore, Gwertzman cannot be said to anticipate Applicant's claim 1. Independent claims 20 and 26 include similar limitations. Furthermore, independent claim 20 refers to an identity index that comprises a plurality of virtual identities.

Applicants remind the Examiner that anticipation requires the presence in a single prior art reference disclosure of each and every element of the claimed invention, arranged as in the claim. M.P.E.P 2131; *Lindemann Maschinenfabrik GmbH v. American Hoist & Derrick Co.*, 221 USPQ 481, 485 (Fed. Cir. 1984). The identical invention must be shown in as complete detail as is contained in the claims. *Richardson v. Suzuki Motor Co.*, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989). The particular structure of the identity index of Applicant's claimed invention is clearly not anticipated by Gwertzman.

## CONCLUSION

Applicant submits the application is in condition for allowance, and notice to that effect is respectfully requested.

If any extension of time (under 37 C.F.R. § 1.136) is necessary to prevent the above referenced application from becoming abandoned, Applicant hereby petitions for such extension. If any fees are due, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert, & Goetzel, P.C. Deposit Account No. 501505/5681-96802/RCK.

Also enclosed herewith are the following items:

- Return Receipt Postcard
- Replacement Drawing Sheets for FIGs. 1-4
- Notice of Change of Address
- Fee Authorization Form authorizing a deposit account debit in the amount of \$ for fees (      ).
- Other:

Respectfully submitted,



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**In the Drawings:**

Replacement drawing sheets are included herewith for FIGs. 1-4. The replacement drawing sheets are provided as formal drawings to replace the hand-drawn informal drawings originally filed with the application. Also, FIG. 1 has been amended to include a --Prior Art-- legend.